

1 What is claimed is:

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3 1. A dryer comprising:

4 a cabinet;

5 a drum;

6 a heater;

7 a converting switch; and

8 a centrifugal switch comprising:

9 a body connected to a shaft of the motor to have loading recesses at
10 an outside;

11 a pair of balance weights having supports wherein one ends of the
12 supports are inserted in the loading recesses, respectively, a pair of the
13 balance weights revolving centering on the inserted one ends to be
14 folded/unfolded;

15 a plate provided to rear ends of the balance weights; and

16 a return spring having both ends hooked on hanging portions of the
17 balance weights to be fixed thereto.

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19 2. The dryer as claimed in claim 1, wherein the loading recesses are rounded
20 and one ends of the supports inserted in the loading recesses are rounded.

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22 3. The dryer as claimed in claim 1, further comprising a lever at a rear side of
23 the plate to be connected to the converting switch.

25 4. The dryer as claimed in claim 1, wherein the balance weights are unfolded to
26 press the plate when the motor rotates over a predetermined rotational speed.

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28 5. The dryer as claimed in claim 1, wherein the return spring has a
29 predetermined elasticity folding the balance weights not to be brought contact with the plate
30 when the motor rotates below a predetermined rotational speed.

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32 6. The dryer as claimed in claim 1, further comprising a connector at a front end
33 of the body to fix the body to the shaft of the motor.

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35 7. A centrifugal switch of a motor, comprising:

36 a body connected to a shaft of a motor to have loading recesses at an
37 outside;

38 a pair of balance weights having supports wherein one ends of the
39 supports are inserted in the loading recesses, respectively, a pair of the
40 balance weights revolving centering on the inserted one ends to be
41 folded/unfolded;

42 a plate provided to rear ends of the balance weights; and

43 a return spring having both ends hooked on hanging portions of the
44 balance weights to be fixed thereto.

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46 8. The centrifugal switch as claimed in claim 7, wherein the loading recesses
47 are rounded and one ends of the supports inserted in the loading recesses are rounded.

49 9. The centrifugal switch as claimed in claim 7, further comprising a lever at a
50 rear side of the plate to be connected to the converting switch.

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52 10. The centrifugal switch as claimed in claim 7, wherein the balance weights are
53 unfolded to press the plate when the motor rotates over a predetermined rotational speed.

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55 11. The centrifugal switch as claimed in claim 7, wherein the return spring has a
56 predetermined elasticity folding the balance weights not to be brought contact with the plate
57 when the motor rotates below a predetermined rotational speed.

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59 12. The centrifugal switch as claimed in claim 7, further comprising a connector
60 at a front end of the body to fix the body to the shaft of the motor.